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T8465082US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application:

Applicant: Towe et al
Serial No.: 10/024,255
Filing Date: 12/21/2001
Title: NOVEL HETEROGENEOUS ION EXCHANGE MEMBRANE
AND METHOD OF MANUFACTURING THEREOF
Examiner: F. Teskin
Art Unit: 1713
Confirmation No. 3346

February 24, 2005

Commissioner of Patent & Trademarks
Crystal Plaza 2, Lobby Level
2011 Jefferson Davis Highway
Arlington, Virginia 22202

Dear Sir:

This is in response to

REMARKS

Reconsideration of allowance of the subject application are respectfully requested.

Claims 1-6 and 10-14 are pending. Claims 2-6 and 10-12 have been withdrawn from consideration.

Claim Rejections Under 35 USC§ 103(a)

The Examiner has rejected claims 1, 13 and 14 under 35 USC§ 103(a) as being unpatentable over U.S. Patent No. 6,338,784 ("Terada") in view of U.S. Patent No. 3,665,059 ("Mahlman") and the evidence provided by Schwartz et al. Plastics Materials and Processes ("Schwartz").

With respect to claim 1, claim 1 recites a heterogeneous ion exchange material which comprises an ion exchange resin incorporated within a binder, the binder comprising a thermoplastic elastomeric olefin comprising a polypropylene continuous

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Company: United States Patent And
Trademark Office
Fax Number: 703-872-9306**City/Country:** Alexandria, Virginia
Phone Number:**Date:** February 24, 2005
Re: UNITED STATES PATENT APPLICATION NO. 10/024,255
RESPONSE TO OFFICE ACTION, EXTENSION OF TIME (3 MONTHS)
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Subject Application No.	10/024,255
Art Unit No.	1713
Filing Date:	12/21/2001
Examiner:	F. Teskin
Title:	NOVEL AND HETEROGENEOUS ION EXCHANGE MEMBRANE AND METHOD OF MANUFACTURING THEREOF
Confirmation No.	3346
Applicant:	Towe et al

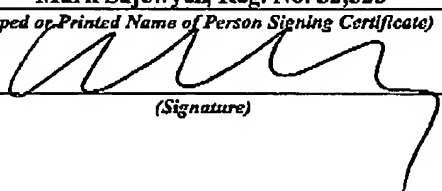
Enclosed please find the following documents:

- (i) Certificate of Transmission of Petition for Extension of Time (1 page);
- (ii) Petition for Extension of Time – 3 months (1 page) ;
- (iii) Certificate of Transmission by facsimile of Response to Office Action (1 page);
- (iv) Response to Office Action (3 pages).

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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No. T8465082US
Applicant(s): Ian Glenn Towe			
Application No. 10/024,255	Filing Date 12/21/2001	Examiner F. Teskin	Group Art Unit 1713
Invention: NOVEL AND HETEROGENEOUS ION EXCHANGE MEMBRANE AND METHOD OF MANUFACTURING THEREOF			
<p>I hereby certify that this <u>Response to Office Action</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>) on <u>February 24, 2005</u> (Date)</p> <p><u>Mark Sajewycz, Reg. No. 52,525</u> (Typed or Printed Name of Person Signing Certificate)  (Signature)</p> <p>Note: Each paper must have its own certificate of mailing.</p>			